LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048662.D
Acq On : 12 Apr 2021 15:50
Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.672	219	227	232	rBV	60724	95765	4.01%	0.533%
2	5.641	384	392	401	rBV	445004	709090	29.71%	3.948%
3	7.251	658	666	677	rBV2	320056	845556	35.43%	4.708%
4	8.091	802	809	816	rBV2	145840	257375	10.78%	1.433%
5	9.261	1001	1008	1016	rBV	382044	693385	29.05%	3.861%
6	9.513	1046	1051	1060	rVB3	25527	47979	2.01%	0.267%
7	9.725	1080	1087	1091	rVB3	18411	34206	1.43%	0.190%
8	10.917	1284	1290	1296	rBV	166883	305173	12.79%	1.699%
9	10.970	1296	1299	1307	rVB4	13998	26241	1.10%	0.146%
10	11.476	1379	1385	1390	rBV2	33579	72923	3.06%	0.406%
11	11.846	1441	1448	1451	rBV9	11137	25558	1.07%	0.142%
12	12.633	1578	1582	1587	rVB4	23383	34723	1.45%	0.193%
13	13.362	1700	1706	1715	rVB	973911	1499859	62.85%	8.352%
14	14.190	1842	1847	1851	rBV	37900	59938	2.51%	0.334%
15	14.466	1889	1894	1898	rVB2	25405	43407	1.82%	0.242%
16	14.742	1935	1941	1949	rBV2	242304	386702	16.20%	2.153%
17	14.878	1960	1964	1971	rBV10	30863	67797	2.84%	0.378%
18	15.324	2035	2040	2054	rVB9	33818	120717	5.06%	0.672%
19	15.700	2099	2104	2107	rVB4	32266	49548	2.08%	0.276%
20	16.235	2189	2195	2201	rBV	766516	1174423	49.21%	6.540%
21	16.323	2209	2210	2212	rBV2	24084	23917	1.00%	0.133%
22	16.346	2212	2214	2218	rVB5	38646	42800	1.79%	0.238%
23	16.628	2260	2262	2267	rBV6	27492	45606	1.91%	0.254%
24	17.069	2335	2337	2341	rVB5	28364	32001	1.34%	0.178%
25	17.427	2395	2398	2402	rBV5	22809	35534	1.49%	0.198%
26	17.498	2406	2410	2414	rBV	276613	379920	15.92%	2.116%
27	17.633	2431	2433	2436	rBV2	38021	43472	1.82%	0.242%
28	17.851	2458	2470	2484	rVB3	227577	1110891	46.55%	6.186%
29	18.003	2488	2496	2498	rBV3	166636	421905	17.68%	2.349%
30	18.391	2555	2562	2569	rVB2	626193	783420	32.83%	4.362%
31	19.014	2664	2668	2669	rBV4	30792	42231	1.77%	0.235%
32	19.261	2704	2710	2718	rBV2	145165	321194	13.46%	1.788%
33	19.378	2726	2730	2731	rBV4	49169	80147	3.36%	0.446%
34	19.654	2773	2777	2795	rVB	882482	1421114	59.55%	7.913%
35	20.107	2849	2854	2862	rVB	1844519	2386557	100.00%	13.289%
36	20.259	2875	2880	2890	rVB2	238477	467001	19.57%	2.600%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048662.D
Acq On : 12 Apr 2021 15:50
Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.082	3015	3020	3030	rVB2	228315	499498	20.93%	2.781%
38	21.417	3073	3077	3089	rVB2	246343	449417	18.83%	2.502%
39	21.793	3136	3141	3149	rVB2	371179	617805	25.89%	3.440%
40	21.993	3168	3175	3187	rVB2	265344	579445	24.28%	3.227%
41	23.044	3345	3354	3362	rBV2	203353	478930	20.07%	2.667%
42	24.278	3555	3564	3578	rVB5	140647	463832	19.44%	2.583%
43	25.136	3702	3710	3725	rVB2	223797	681870	28.57%	3.797%

Sum of corrected areas: 17958872

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
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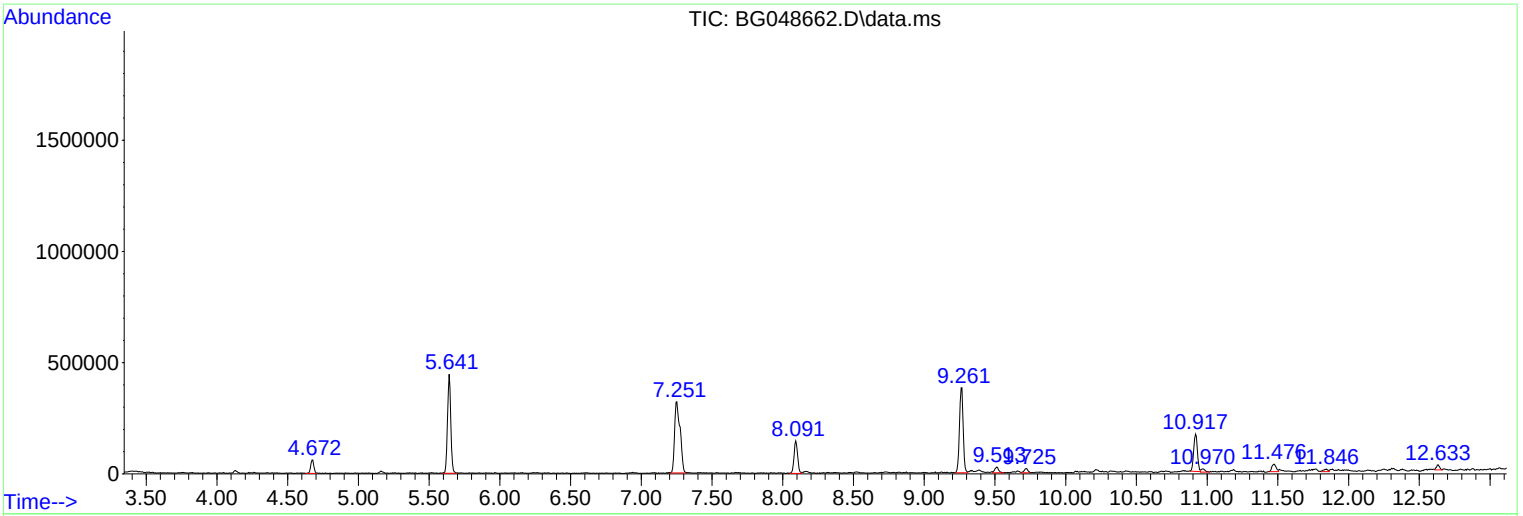
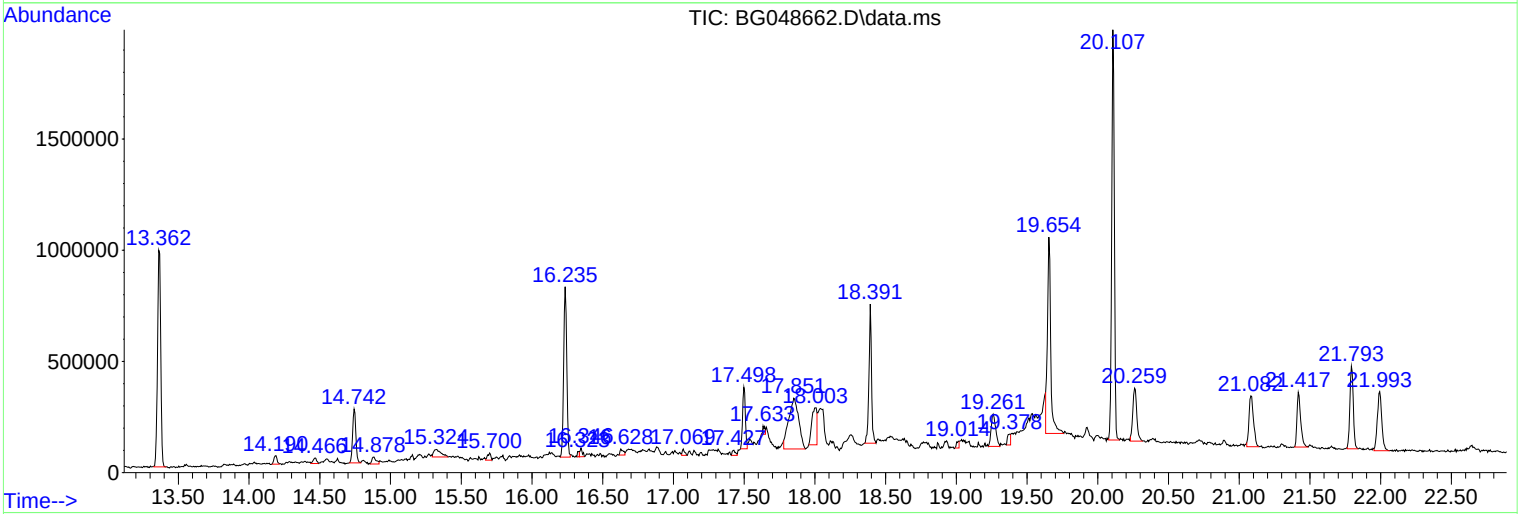
Acq On : 12 Apr 2021 15:50
Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

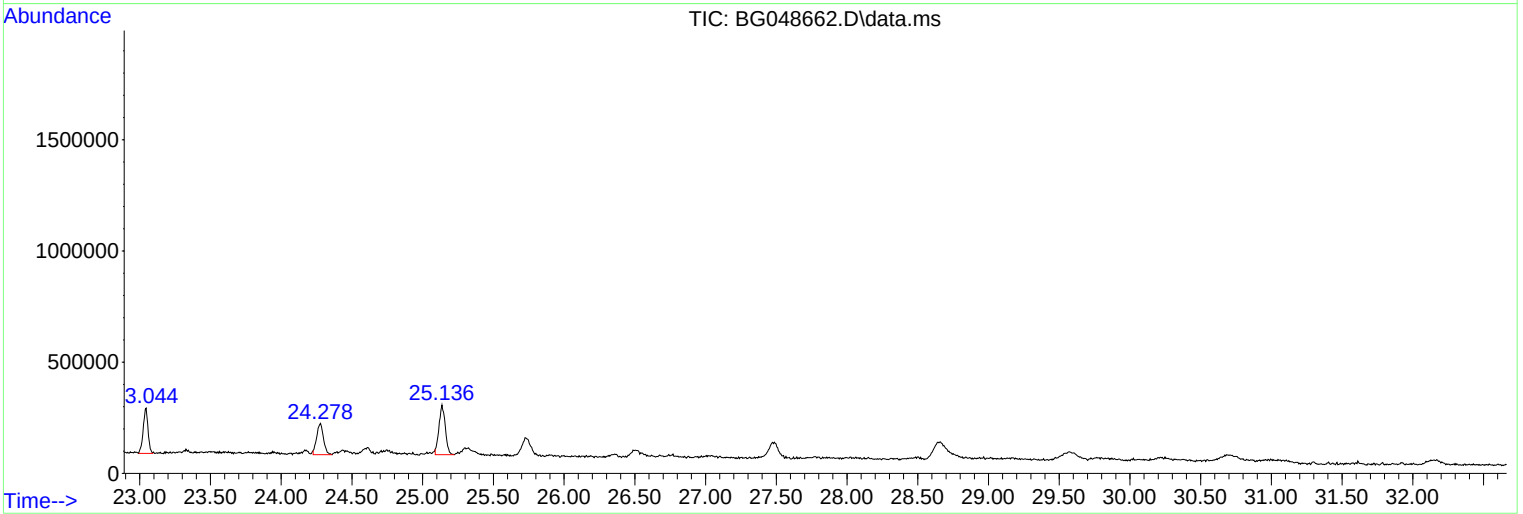
Instrument :
BNA_G
ClientSampleId :
MW-123R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048662.D
Acq On : 12 Apr 2021 15:50
Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

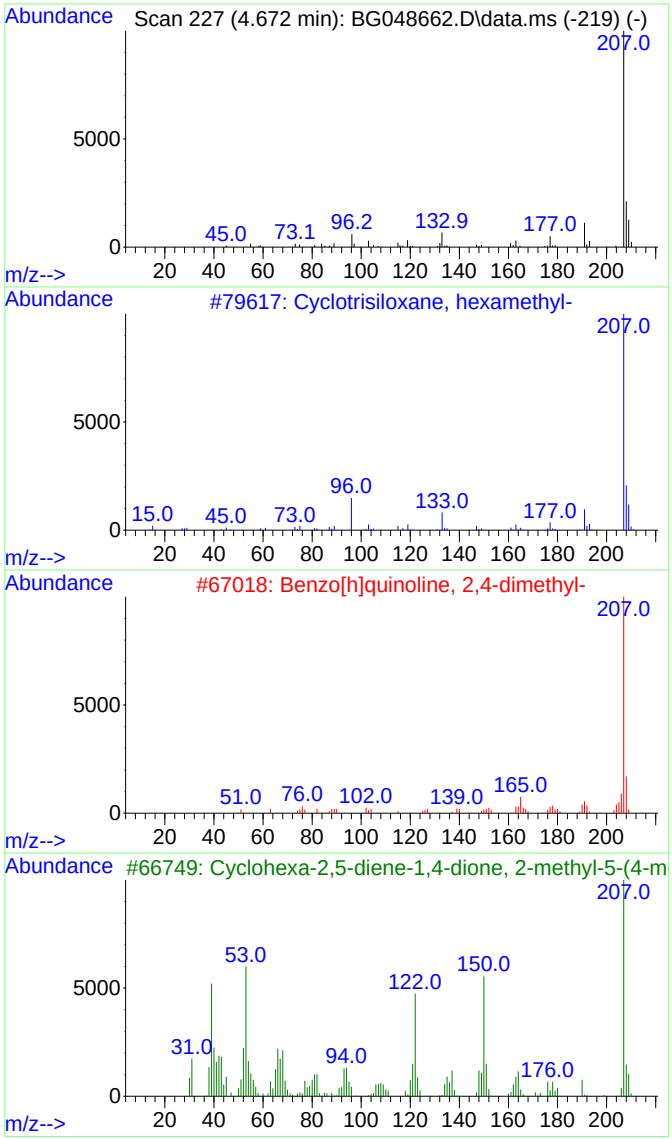
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

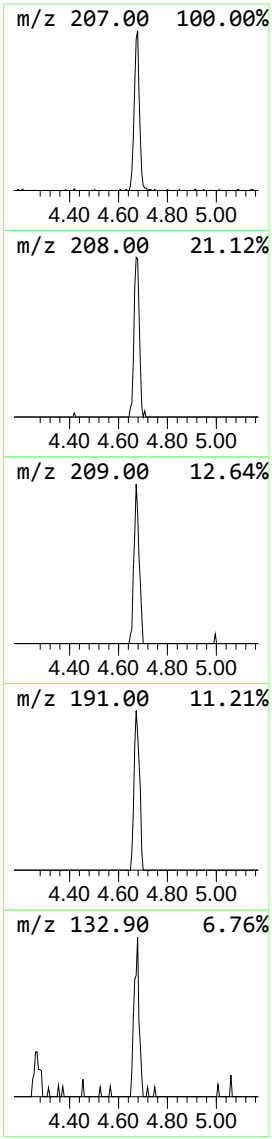
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.672	7.44 ng	95765	1,4-Dichlorobenzene-d4	8.091

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	74
2	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
3	Cyclohexa-2,5-diene-1,4-dione, 2...	207	C11H13NO3	002158-89-6	9
4	1,4-Phthalazinedione, 2,3-dihydr...	207	C8H5N3O4	003682-19-7	9
5	2-p-Nitrophenyl-oxadiazol-1,3,4-...	207	C8H5N3O4	1000147-64-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048662.D
Acq On : 12 Apr 2021 15:50
Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

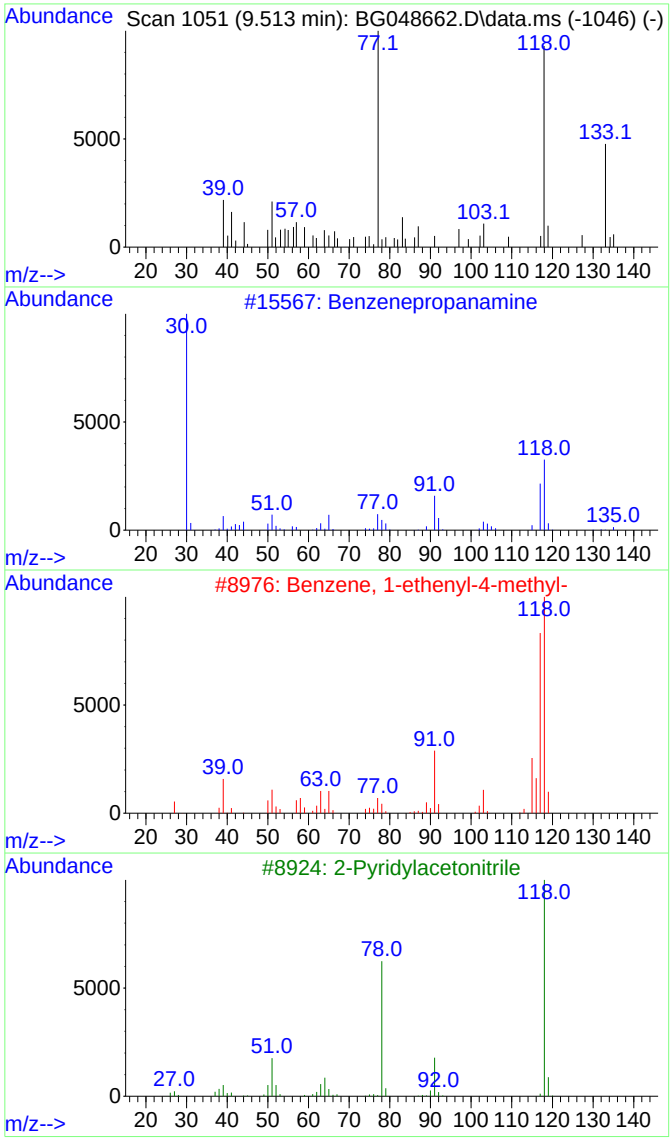
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

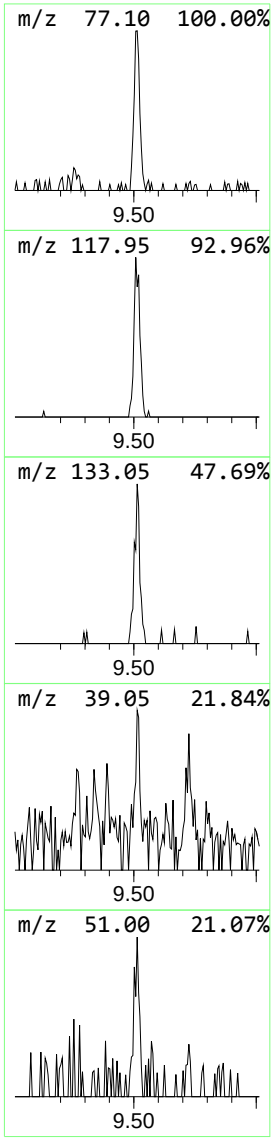
****

Peak Number 2 unknown9.51 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.513	3.14 ng	47979	Naphthalene-d8	10.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanamine	135	C9H13N	002038-57-5	38
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	27
3	2-Pyridylacetonitrile	118	C7H6N2	002739-97-1	27
4	1H-Indazole	118	C7H6N2	000271-44-3	25
5	Benzonitrile, 4-amino-	118	C7H6N2	000873-74-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048662.D
Acq On : 12 Apr 2021 15:50
Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

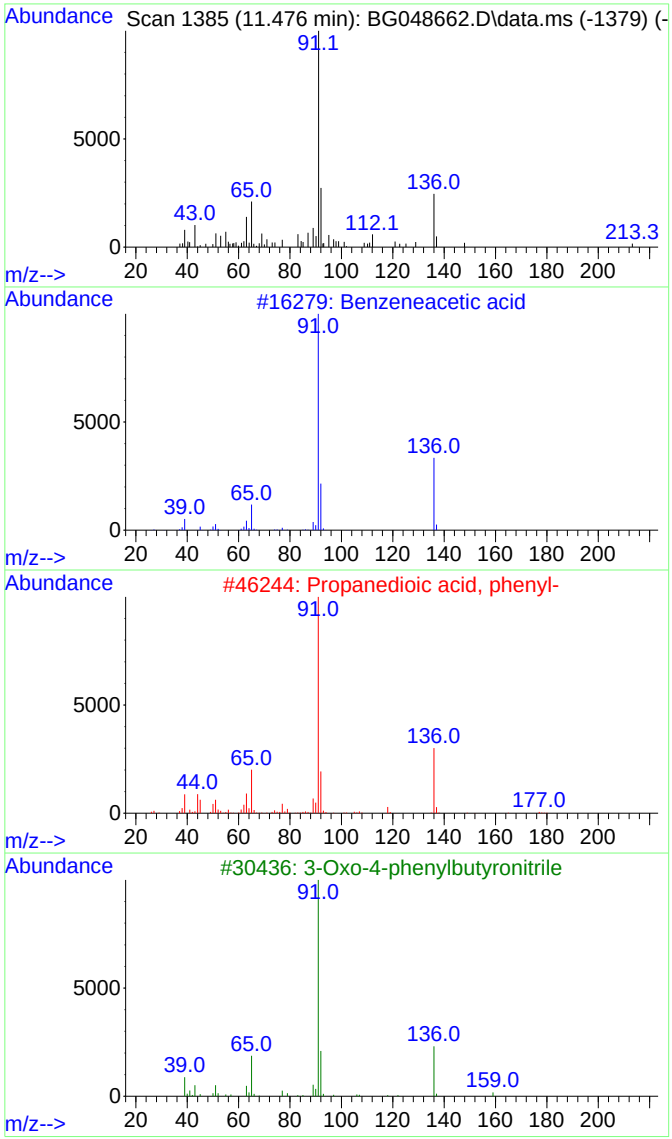
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

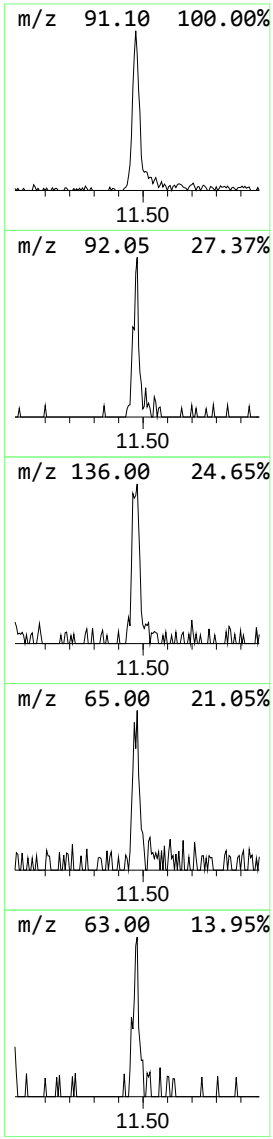
****

Peak Number 3 Benzeneacetic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.476	4.78 ng	72923	Naphthalene-d8	10.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	72
2	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	59
3	3-Oxo-4-phenylbutyronitrile	159	C10H9NO	019212-27-2	47
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	47
5	Benzeneacetic acid, octyl ester	248	C16H24O2	000122-45-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048662.D
Acq On : 12 Apr 2021 15:50
Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-123R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

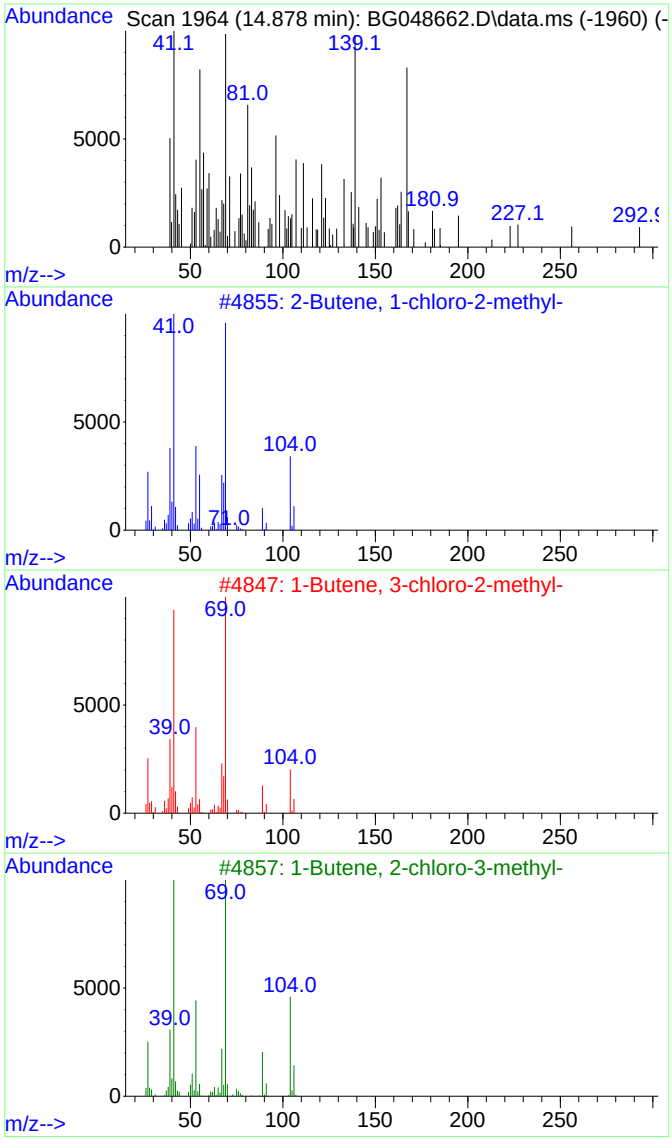
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

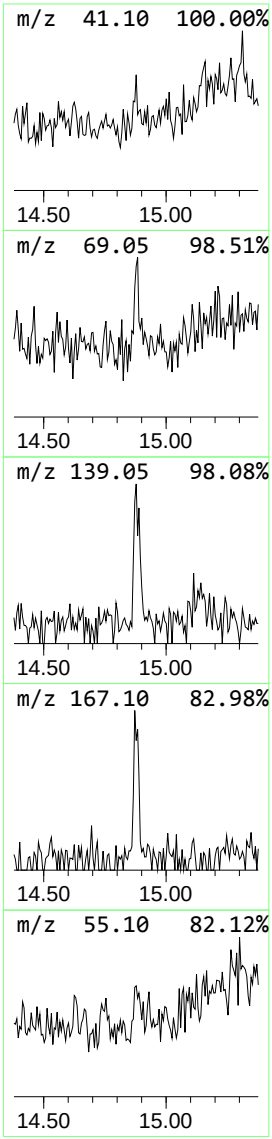
****

Peak Number 4 unknown14.78 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.878	3.51 ng	67797	Acenaphthene-d10	14.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	27
2	1-Butene, 3-chloro-2-methyl-	104	C5H9Cl	005166-35-8	27
3	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	27
4	2,3-Hexadiene, 2-methyl-	96	C7H12	029212-09-7	25
5	2,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-87-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048662.D
Acq On : 12 Apr 2021 15:50
Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

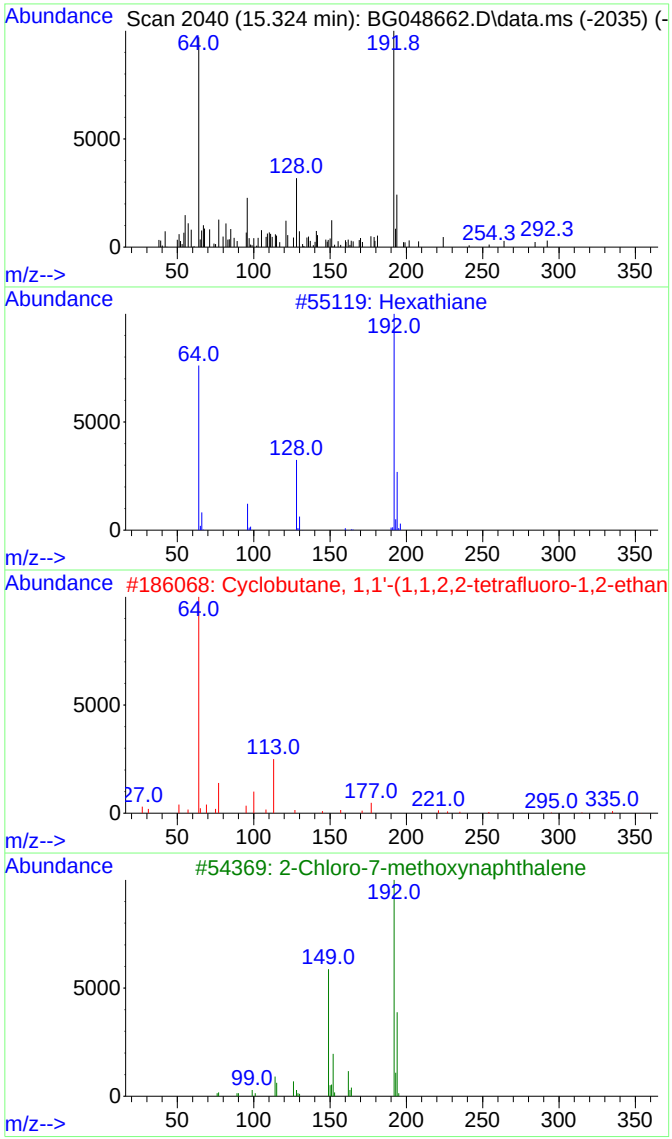
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

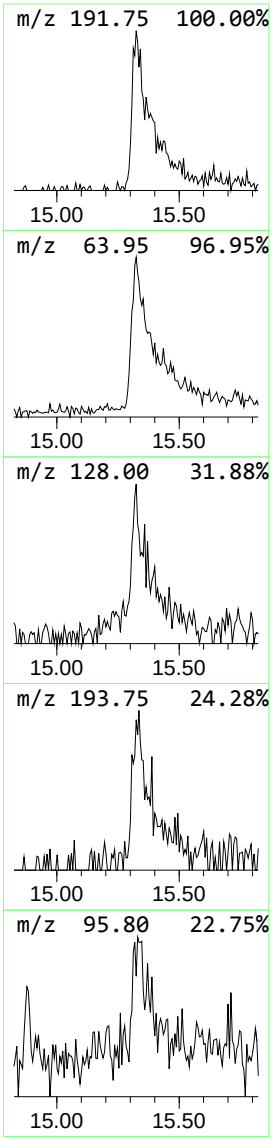
****

Peak Number 5 Hexathiane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.324	6.24 ng	120717	Acenaphthene-d10	14.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexathiane	192	S6	013798-23-7	90
2	Cyclobutane, 1,1'-(1,1,2,2-tetra...	354	C10H6F12	035207-94-4	40
3	2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	16
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	10
5	o-(2-Amino-4-thiazolyl)phenol	192	C9H8N2OS	060135-72-0	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048662.D
Acq On : 12 Apr 2021 15:50
Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-123R

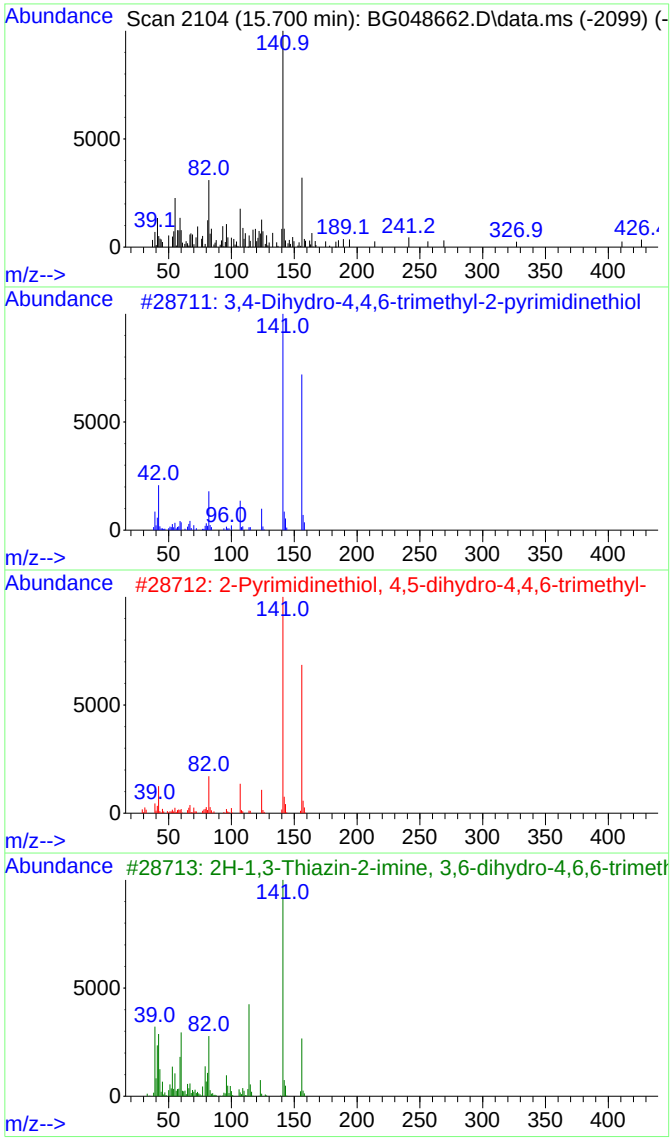
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

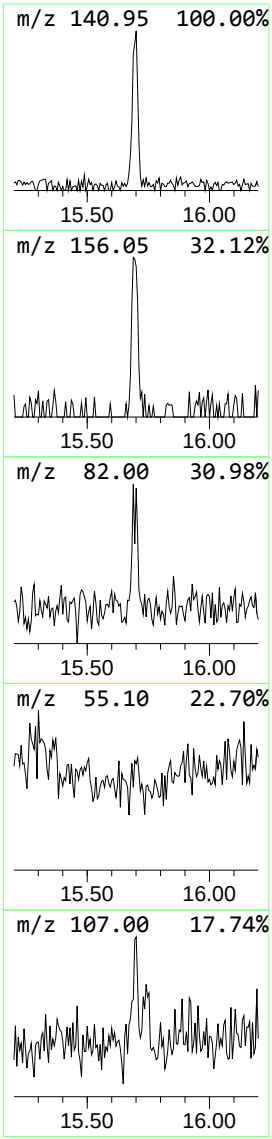
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3,4-Dihydro-4,4,6-trimethyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.700	2.56 ng	49548	Acenaphthene-d10	14.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-4,4,6-trimethyl-2-py...	156	C7H12N2S	005392-23-4	72
2	2-Pyrimidinethiol, 4,5-dihydro-4...	156	C7H12N2S	1000319-31-6	72
3	2H-1,3-Thiazin-2-imine, 3,6-dihy...	156	C7H12N2S	1000351-34-8	64
4	2',5'-Difluoroacetophenone	156	C8H6F2O	001979-36-8	50
5	Ethanone, 1-(2,6-difluorophenyl)-	156	C8H6F2O	013670-99-0	50





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Data File : BG048662.D
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Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

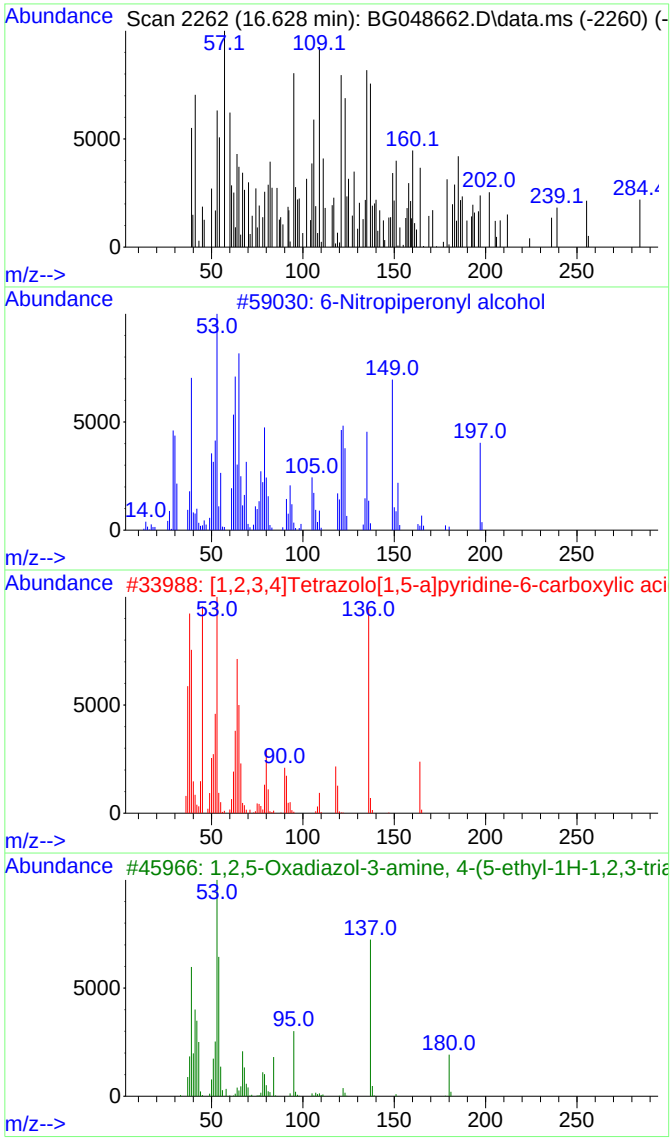
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

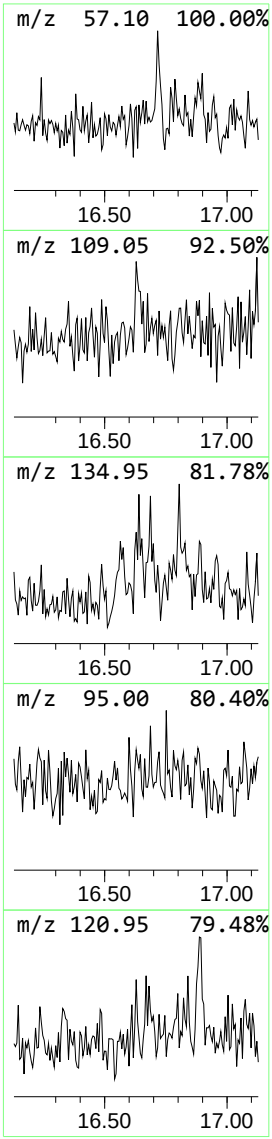
****

Peak Number 7 unknown16.62 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.628	2.40 ng	45606	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nitropiperonyl alcohol	197	C8H7NO5	015341-08-9	18
2	[1,2,3,4]Tetrazolo[1,5-a]pyridin...	164	C6H4N4O2	1000362-60-7	16
3	1,2,5-Oxadiazol-3-amine, 4-(5-et...	180	C6H8N6O	1000351-65-1	14
4	4-Hydroxybenzamide	137	C7H7NO2	000619-57-8	11
5	Cyclohex-2-enone, 3-(2H-tetrazol...	179	C7H9N5O	1000311-07-7	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048662.D
Acq On : 12 Apr 2021 15:50
Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-123R

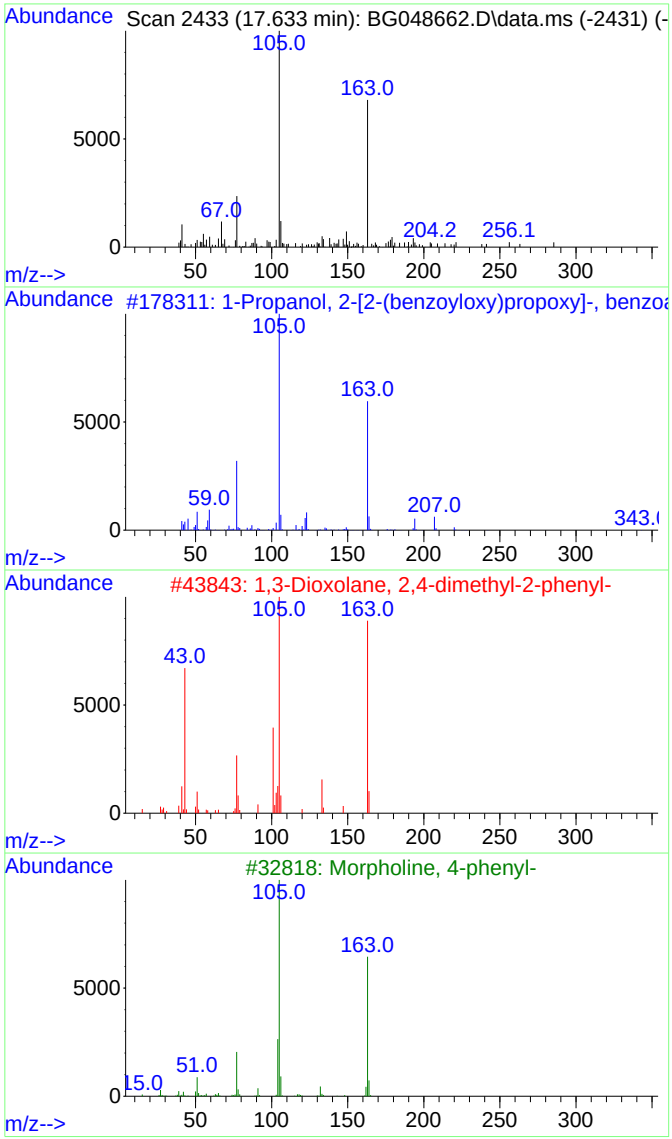
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

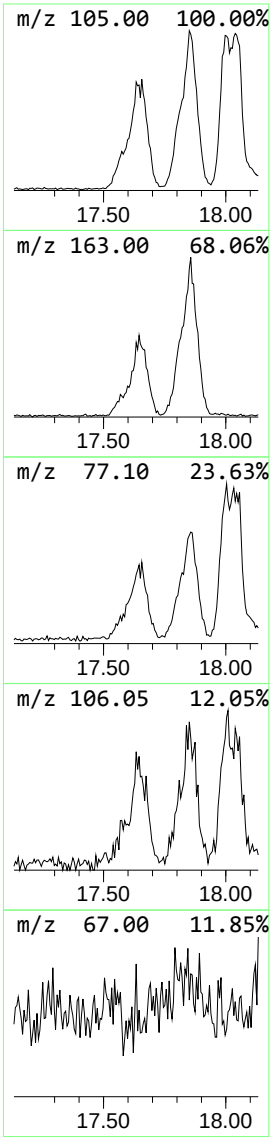
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Propanol, 2-[2-(benzoylox... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.633	2.29 ng	43472	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	56
2	1,3-Dioxolane, 2,4-dimethyl-2-ph...	178	C11H14O2	004359-30-2	50
3	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	50
4	p-Methylbenzyl isothiocyanate	163	C9H9NS	003694-46-0	42
5	N-(4-Formyl-phenyl)-N-methyl-for...	163	C9H9NO2	079213-80-2	37





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Operator : CG/JU
Sample : M1966-05
Misc :
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Instrument :
BNA_G
ClientSampleId :
MW-123R

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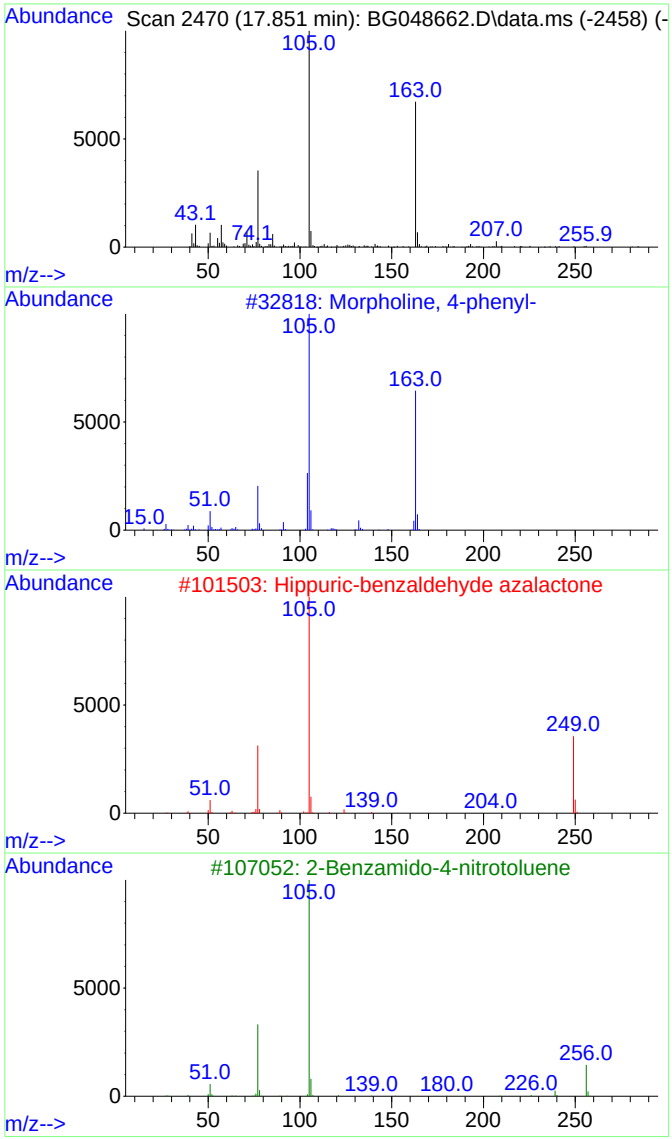
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

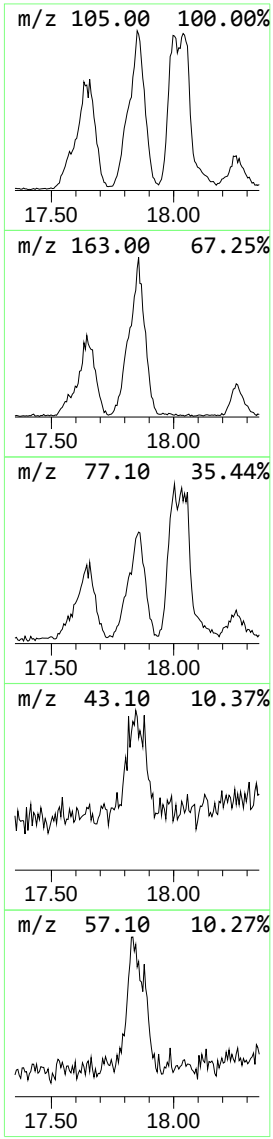
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Morpholine, 4-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	58.48 ng	1110890	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	53
2	Hippuric-benzaldehyde azalactone	249	C16H11NO2	000842-74-0	30
3	2-Benzamido-4-nitrotoluene	256	C14H12N2O3	004771-07-7	30
4	1-Benzoyl-2-t-butyl-3,5-dimethyl...	274	C16H22N2O2	101629-31-6	27
5	4-Imidazolidinone, 1-benzoyl-2-(...	246	C14H18N2O2	111610-21-0	27





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Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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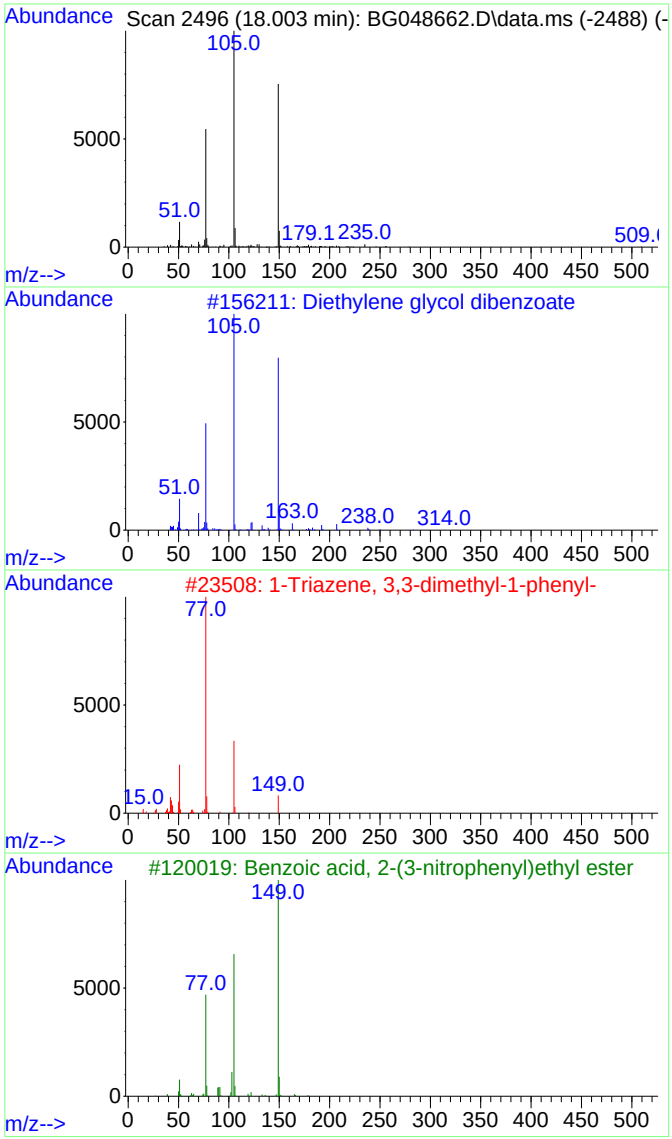
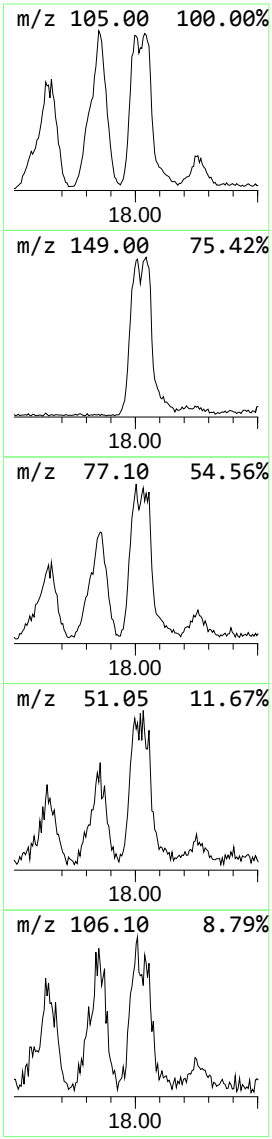
Peak Number 10 Diethylene glycol dibenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.003	22.21 ng	421905	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	83
2	1-Triazene, 3,3-dimethyl-1-phenyl-	149	C8H11N3	007227-91-0	72
3	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	59
4	2,3-Dimethyl-4a,8a-diphenyl-hexa...	326	C20H22O4	1000297-07-0	47
5	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	47





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Sample : M1966-05
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BNA_G
ClientSampleId :
MW-123R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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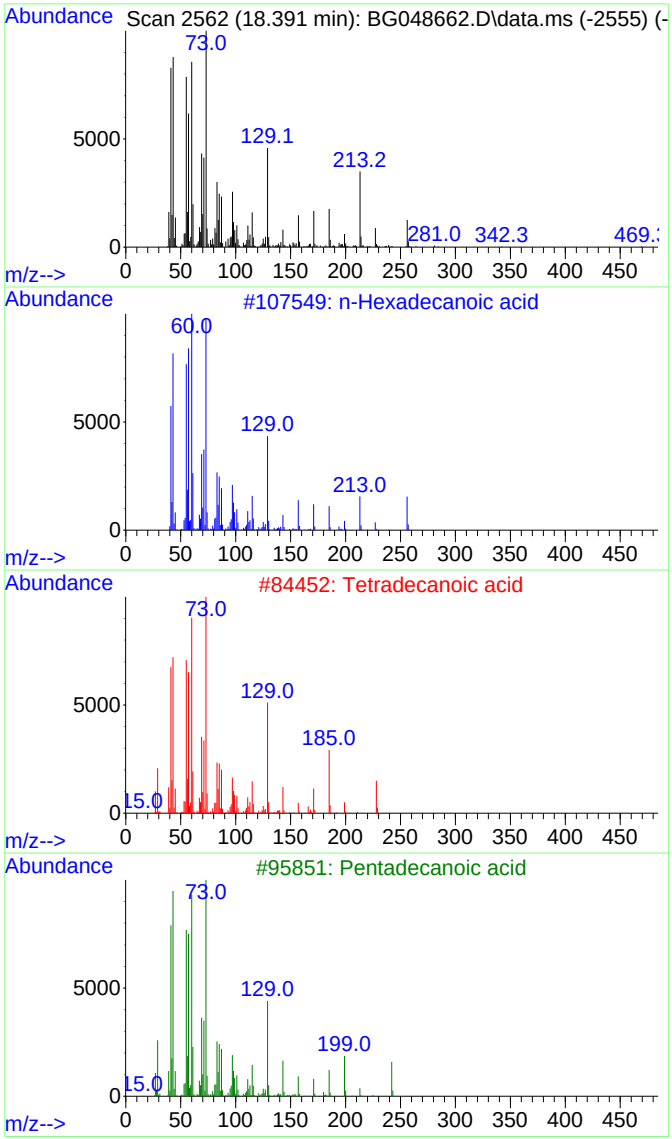
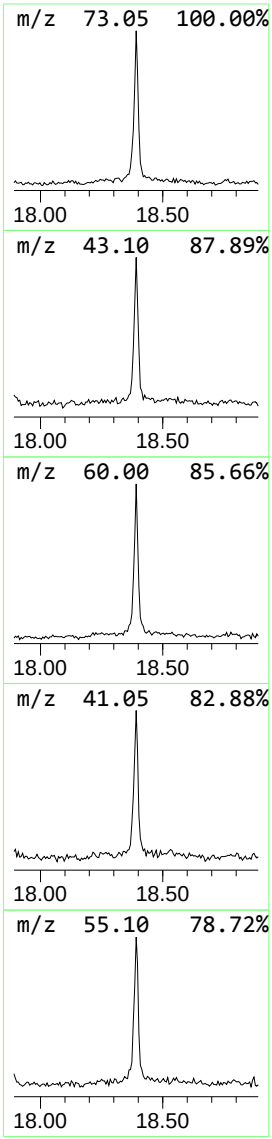
Peak Number 11 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.391	41.24 ng	783420	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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Sample : M1966-05
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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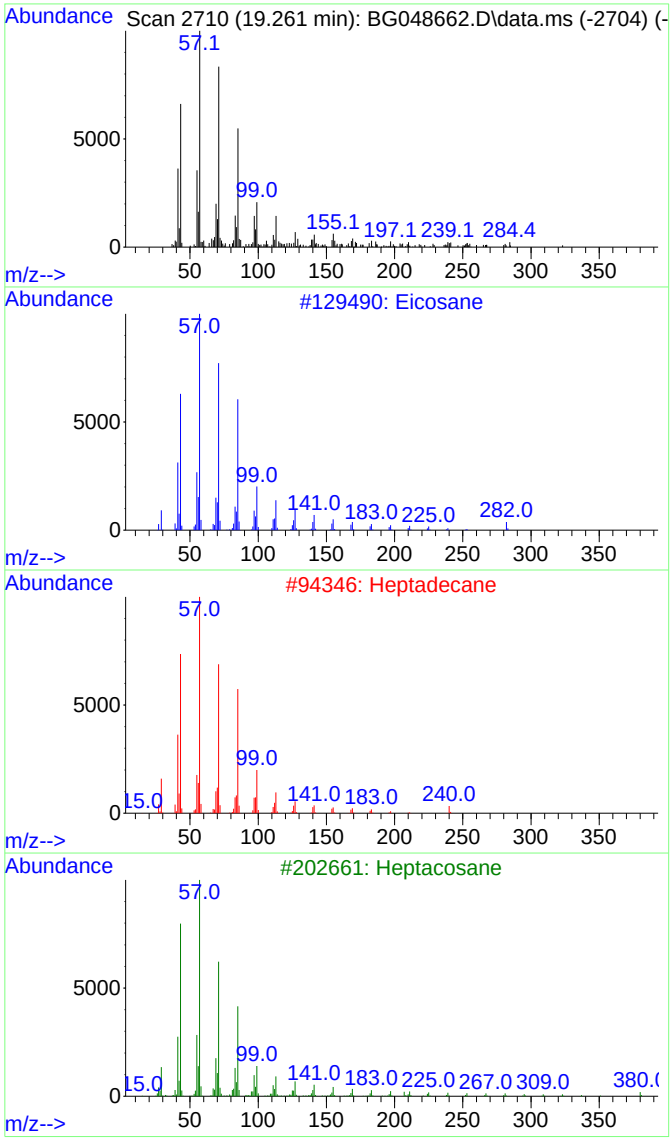
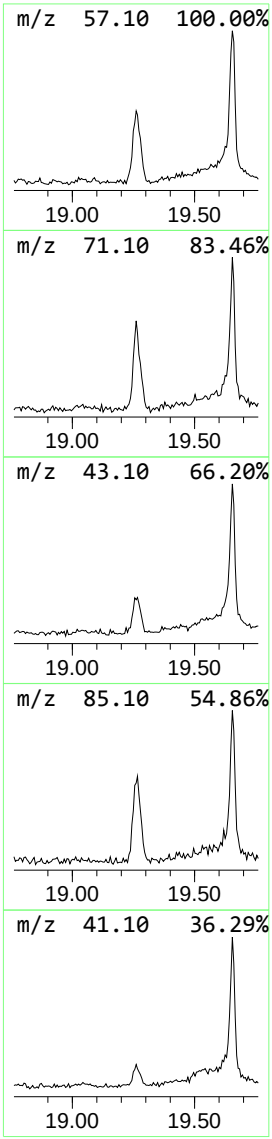
Peak Number 12 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.261	16.91 ng	321194	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Instrument : BNA_G
ClientSampleId : MW-123R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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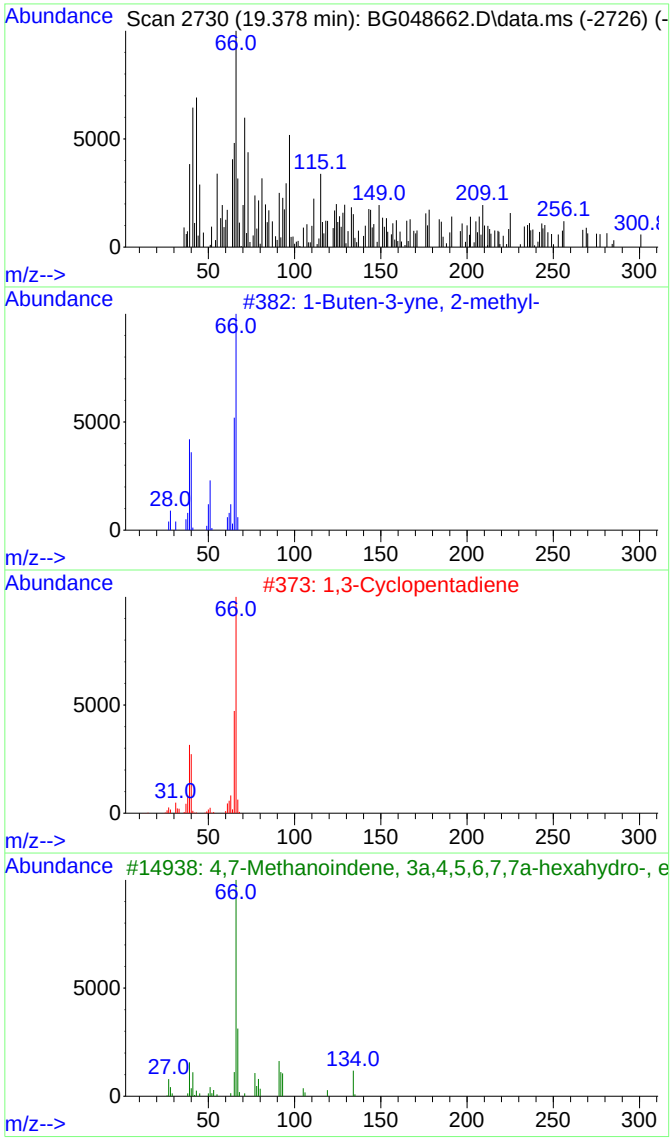
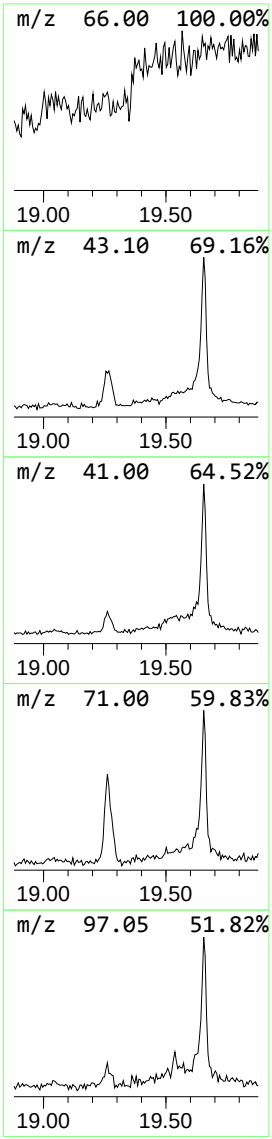
Peak Number 13 1-Buten-3-yne, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.378	4.22 ng	80147	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	52
2	1,3-Cyclopentadiene	66	C5H6	000542-92-7	50
3	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	38
4	5-Methylidene-2-norbornene-5,8-o...	122	C8H10O	1000099-65-5	35
5	1,4:5,8-dimethano-naphthalene,1,...	160	C12H16	021635-90-5	35





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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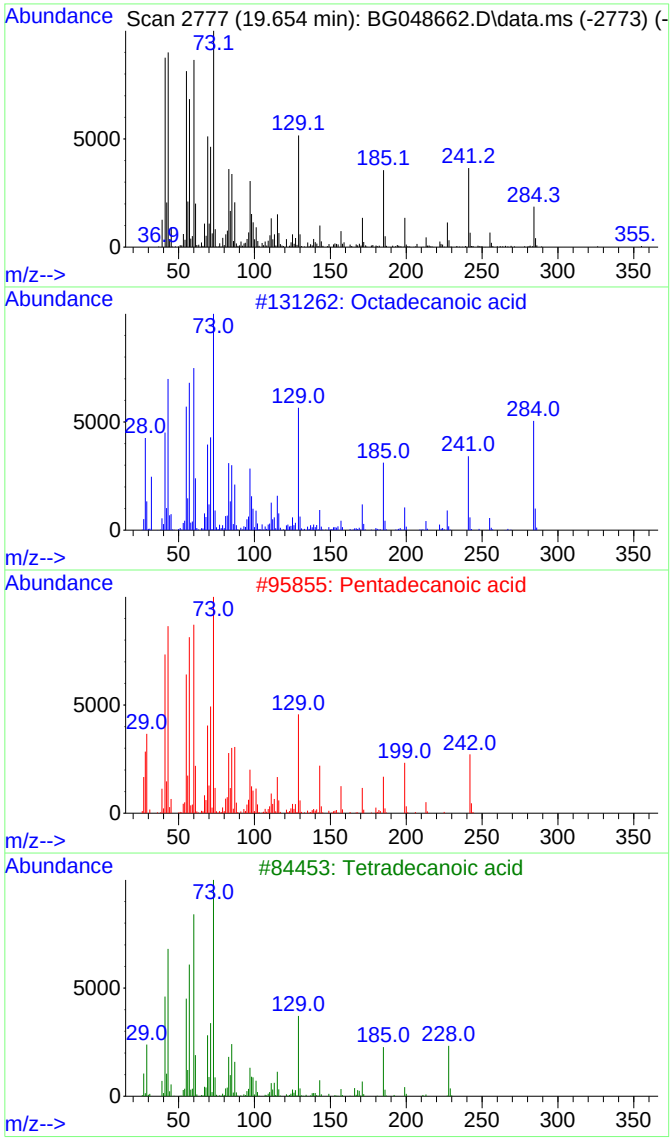
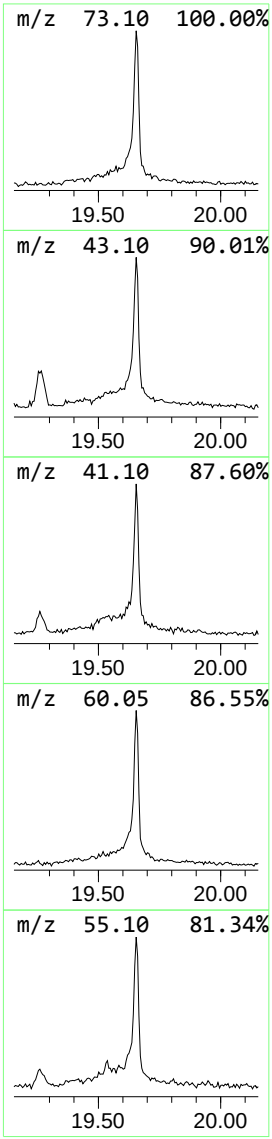
Peak Number 14 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.654	46.01 ng	1421110	Chrysene-d12	21.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





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Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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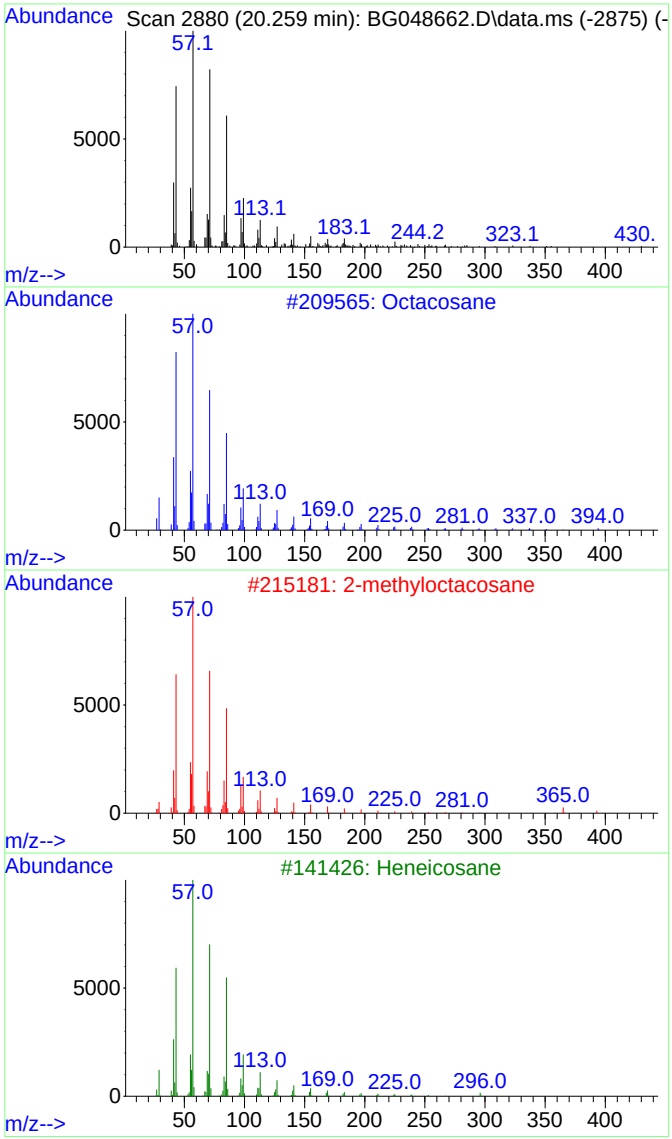
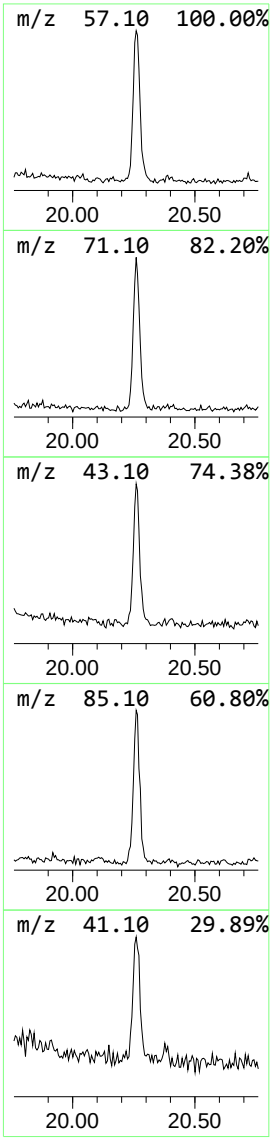
Peak Number 15 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.259	15.12 ng	467001	Chrysene-d12	21.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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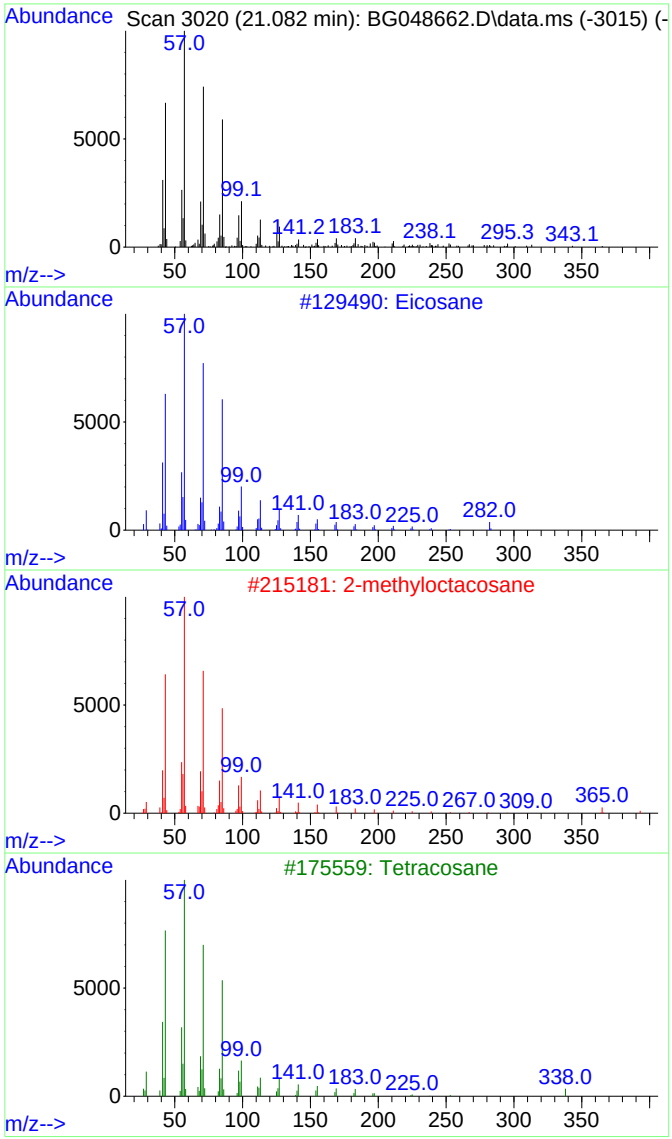
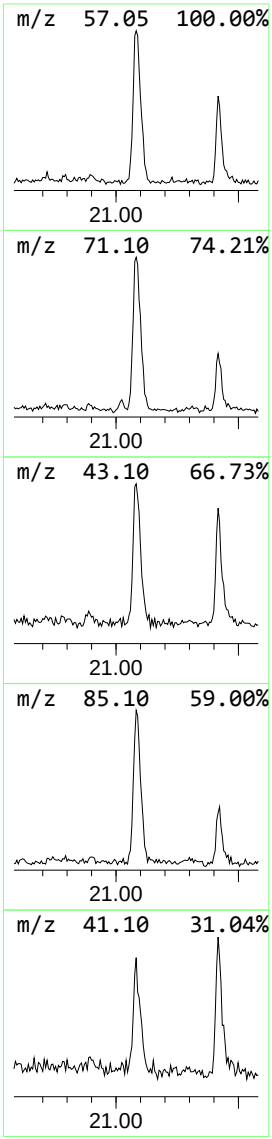
Peak Number 16 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.082	16.17 ng	499498	Chrysene-d12	21.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
5	6,6-Diethylhexadecane	282	C20H42	1000360-41-4	86





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Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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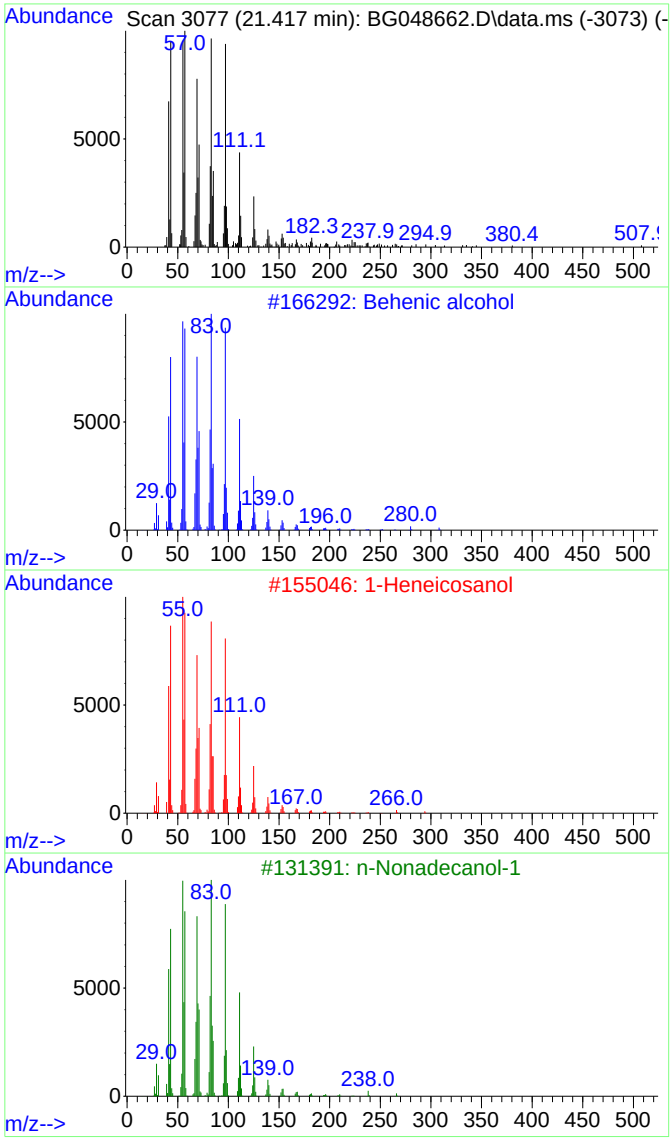
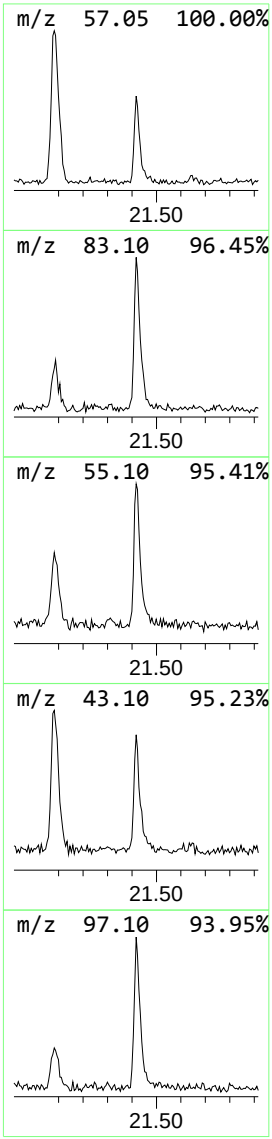
Peak Number 17 Behenic alcohol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.417	14.55 ng	449417	Chrysene-d12	21.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Octacosanol	410	C28H58O	000557-61-9	93
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	93





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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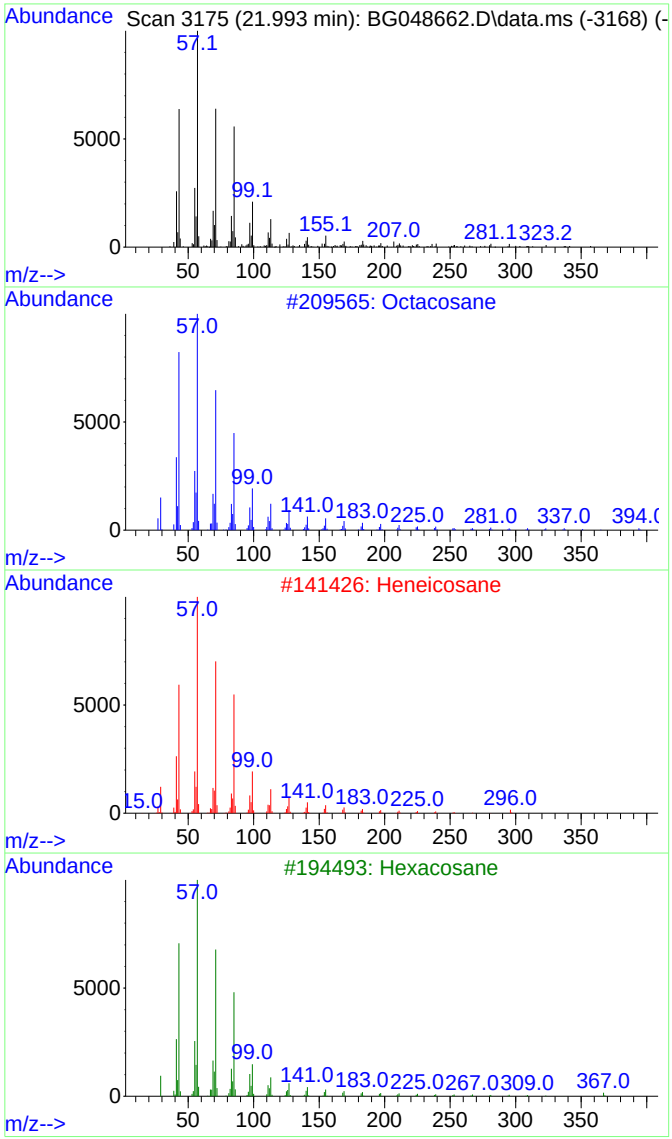
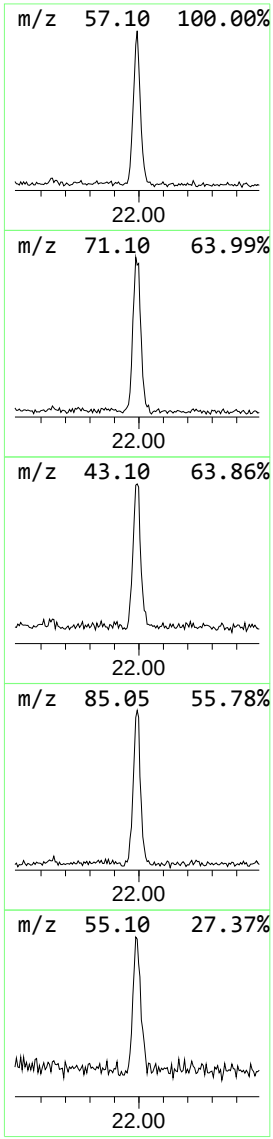
Peak Number 18 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.993	18.76 ng	579445	Chrysene-d12	21.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Docosane	310	C22H46	000629-97-0	87
5	Eicosane	282	C20H42	000112-95-8	87





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Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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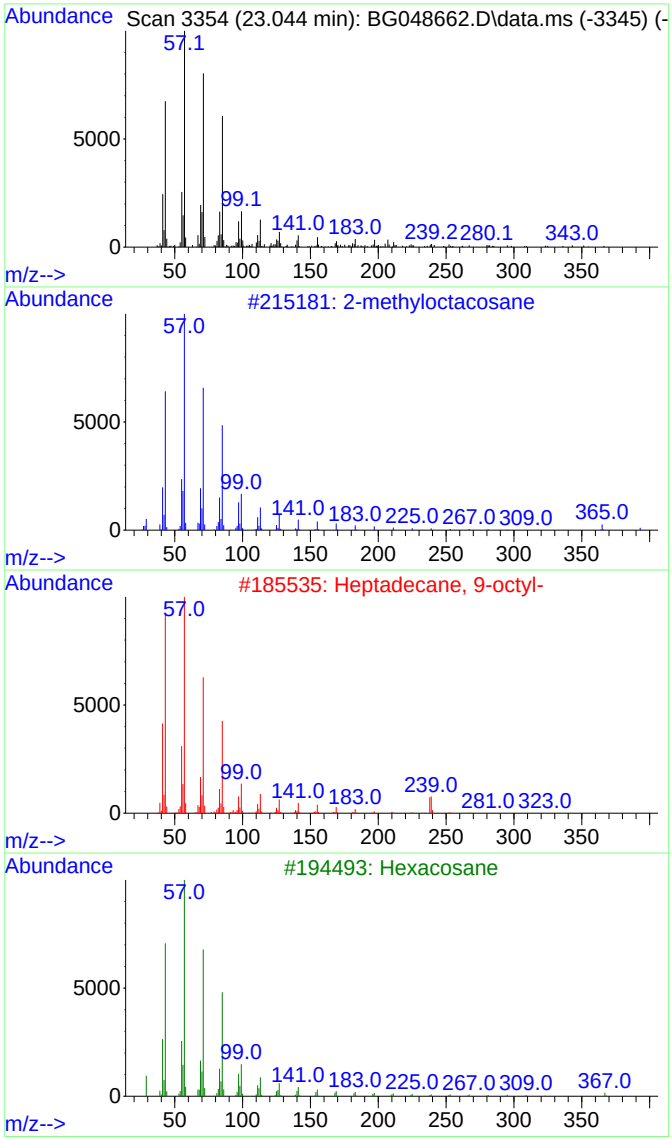
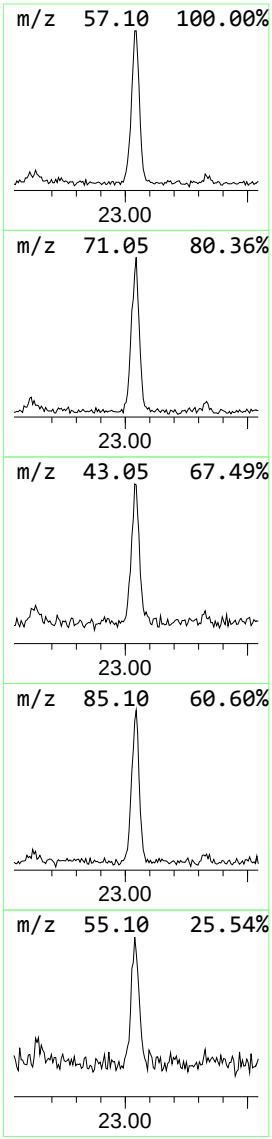
Peak Number 19 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.044	15.50 ng	478930	Chrysene-d12	21.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91





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Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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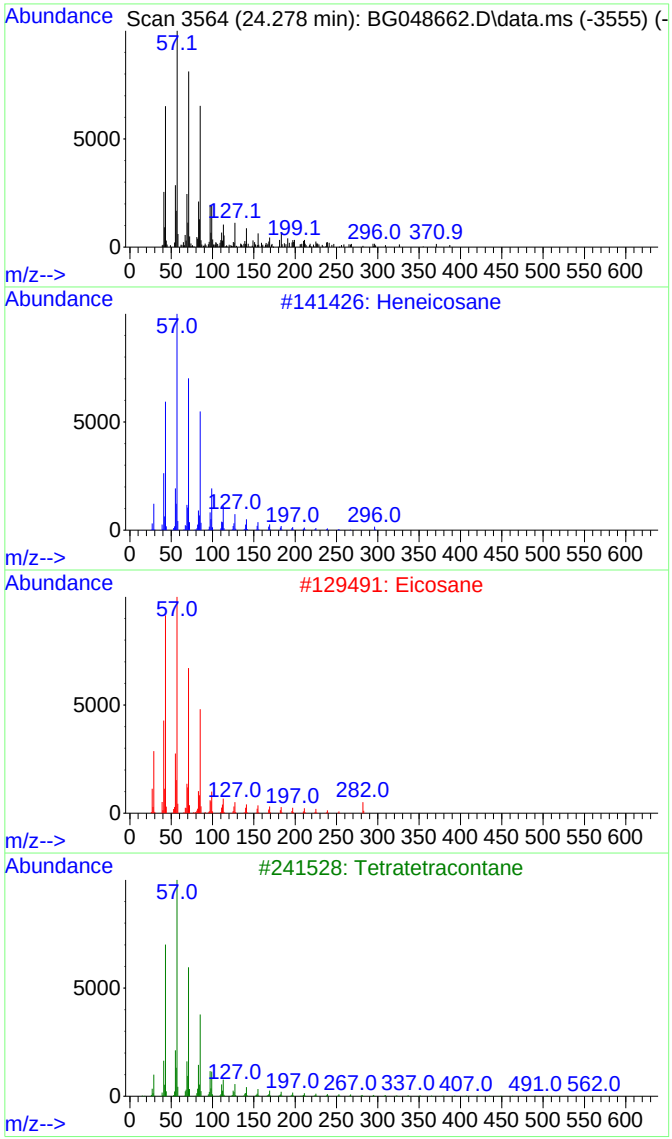
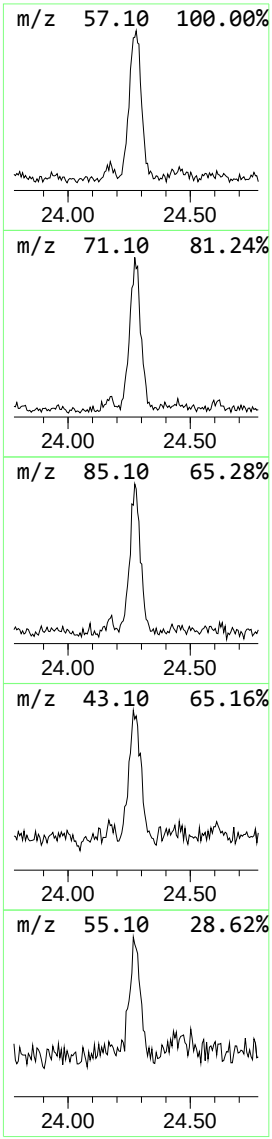
Peak Number 20 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.278	13.60 ng	463832	Perylene-d12	25.136

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5	Heptacosane	380	C27H56	000593-49-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041221\
Data File : BG048662.D
Acq On : 12 Apr 2021 15:50
Operator : CG/JU
Sample : M1966-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-123R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotrisiloxan...	4.672	7.4	ng	95765	1	8.091	257375	20.0
unknown9.51	9.513	3.1	ng	47979	2	10.918	305173	20.0
Benzeneacetic acid	11.476	4.8	ng	72923	2	10.918	305173	20.0
unknown14.78	14.878	3.5	ng	67797	3	14.742	386702	20.0
Hexathiane	15.324	6.2	ng	120717	3	14.742	386702	20.0
3,4-Dihydro-4,4...	15.700	2.6	ng	49548	3	14.742	386702	20.0
unknown16.62	16.628	2.4	ng	45606	4	17.498	379920	20.0
1-Propanol, 2-[...	17.633	2.3	ng	43472	4	17.498	379920	20.0
Morpholine, 4-p...	17.851	58.5	ng	1110890	4	17.498	379920	20.0
Diethylene glyc...	18.003	22.2	ng	421905	4	17.498	379920	20.0
n-Hexadecanoic ...	18.391	41.2	ng	783420	4	17.498	379920	20.0
Eicosane	19.261	16.9	ng	321194	4	17.498	379920	20.0
1-Buten-3-yne, ...	19.378	4.2	ng	80147	4	17.498	379920	20.0
Octadecanoic acid	19.654	46.0	ng	1421110	5	21.793	617805	20.0
Octacosane	20.259	15.1	ng	467001	5	21.793	617805	20.0
Tetracosane	21.082	16.2	ng	499498	5	21.793	617805	20.0
Behenic alcohol	21.417	14.6	ng	449417	5	21.793	617805	20.0
Hexacosane	21.993	18.8	ng	579445	5	21.793	617805	20.0
2-methyloctacosane	23.044	15.5	ng	478930	5	21.793	617805	20.0
Heneicosane	24.278	13.6	ng	463832	6	25.136	681870	20.0